BOOK

ons		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
kg/meter		= 1877.11 kg	
kg/meter		= 1018.60 kg	
		Total = 2895.71 kg	
oted Steel		= 28.95 Qtl	
to Tender		= 28.73 Qtl	

Zadhav
AE

First & Final Bill

BR-372
9-10-14

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192693

Serial No.....

Name of work... Maintenance of BBMP Drilled Borewells in ward No-10, Doddabommasandra From Vidyaranyapura Sub-division To.....

Name of Contractor of nature of Agency... M/S. A.R.M. constructions (Sri. Murthy. KJ)

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work code NO;-	010-14-000022.					
	Agreement NO;-	524 Dated 24/2/2014.					
	Work order NO;-	EE/BTP/BBMP/E-PMT/524/2013-14. Date 24/2/2014.					
	Address of Agency;-	#942, 6th Cross, Hanumaiah Layout Kodigehalli Bangalore-52					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Lifting of Submersible pump set as per Specification and direction etc complete and as per the directions of the Engineer-in-charge						
		30.00 nos @ RS 840.00				RS 25200.00	
	(2) Transportation of pumping machinery etc complete and as per the directions of the Engineer-in-charge of the work						
		30.00 nos @ RS 890.00				RS 26700.00	
	(3) Labour charges (over hauling) etc complete and as per the directions of the Engineer-in-charge of the work						
		30.00 nos @ RS 545.00				RS 16350.00	
	(4) Repaire to Motor; Rewinding of Submersible pump Sets with copper insulation wire of suitable gauge as per ISI Specification with guarantee of 6 months etc.						

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	12.5 HP Motor
	(5) Starter (with one directions of the
	31/8/2014.
	(6) Rotor (with one directions of the Er

epth 6	Contents 7	Reference to last Measurement 8
	Specification and direction the Engineer-in-charge	
		RS 25200.00
	ete complete and as per of the work	
		RS 26700.00
	nd as per the directions of	
		RS 16350.00
	ible pump sets with copper ISI specification with	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192694

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	12.5 HP Motor	15.00 Nos	@ RS 3650.00			RS	54750.00
		15 Nos	@ RS 4700.00			RS	70500.00
(5)	Starter (with one year Guarantee) ete, complete and as per the directions of the Engineer-in-charge of the work. 23/8/2014	30.00 Nos	@ RS 5050.00			RS	151500.00
(6)	Rotor (with one year Guarantee) ete, complete and as per the directions of the Engineer-in-charge of the work	30.00 Nos	@ RS 4700.00			RS	141000.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Upper Flange etc complete and as per the directions of the Engineer-in-charge of the work	30.00 Nos @ RS 340.00				RS 10200.00	
(8)	Lower Housing etc complete and as per the directions of the Engineer-in-charge of the work	30.00 Nos @ RS 645.00				RS 19350.00	
(9)	Carbon Housing etc complete and as per the directions of the Engineer-in-charge of the work	30.00 Nos @ RS 470.00				RS 14100.00	
(10)	Thrust bearing block assembly complete with segment bearing Pades complete and as per the directions of the Engineer-in-charge	30.00 Nos @ RS 1150.00				RS 34500.00	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work
1	2
(11)	Oil Seal etc complete in-charge of the wo
(12)	Oil Seal Steel Body Engineer-in-charg
(13)	Guide vane etc complete in-charge of the wo

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		s per the directions of the Engineer-in	
340.00		RS	10200.00
as per the directions of the Engineer-			
645.00		RS	19350.00
d as Per the directions of the			
ork			
470.00		RS	14100.00
omplete with segment bearing Pads			
of the Engineer-in-charge			
1150.00		RS	34500.00

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192695

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(11)	Oil Seal etc complete and as per the directions of the Engineer-in-charge of the work	30.00 nos	@ RS 120.00			RS	3600.00
(12)	Oil Seal Steel Baffle etc complete and as Per the directions of the Engineer-in-charge of the work	30.00 nos	@ RS 150.00			RS	4500.00
(13)	Guide vane etc complete and as Per the directions of the engineer in-charge of the work	450.00 nos	@ RS 175.00			RS	78750.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Impeller Shell moulded with aluminium Bronze) etc, complete and as per the directions of the engineer 450.0 nos @ RS 425.00					RS 191250.00	
(15)	Discharge outlet (D.O) Bearing D.O. steel Body etc, complete and as per the directions of the engineer-in-charge of the work 30.0 nos @ RS 440.00					RS 13200.00	
(16)	Steel Bush etc, complete and as per directions of the Engineer-in-charge of the work 30.0 nos @ RS 150.00					RS 4500.00	
(17)	Pump Shaft made out of stainless steel centreless ground with key way (upto 8 Stages) etc, complete and as per the directions 30.0 nos @ RS 940.00					RS 28200.00	

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
(18)	Non-return Val Ring etc, comple
(19)	Cable Guard etc, Engineer-in-Ch
(20)	Brass Filter etc, incharge of the

Depth 6	Contents 7	Reference to last Measurement 8
m Bronze) etc, complete and		
00		RS 191250.00
el Body etc, complete and		
-in-charge of the work		
00		RS 13200.00
directions of the Engineer-in-		
0		RS 4500.00
Steel centreless ground with		
le and as per the directions		
00		RS 28200.00

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192696

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(18)	Non-return valve (NRV) assembly complete Ring etc, complete and as per the directions	30.0 Nos @ RS 1350.00				with rubber 'O' of the Engineer. RS 40500.00	
(19)	Cable Guard etc, complete and as per the directions Engineer-in-charge of the work	30.0 Nos @ RS 145.00				of the RS 4350.00	
(20)	Brass Filter etc, complete and as per the directions incharge of the work	30.0 Nos @ RS 250.00				of Engineer- RS 7500.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(21)	Re-erection charges of pumping machineries including over hauling and painting etc, complete and as per the directions of the Engineer-in-charge of the work 30.0 nos @ Rs 945.00					Rs 28350.00	
(22)	Earthwork excavation for Pipeline trenches including depositing or bank up to a lead of 50 mtr including shoring and staffing danger lighting and using Site rails and boarding poles at every 100 mtr wherever necessary as directed in following Structure manhole Hard soil etc						
	3x30 x0.75 x0.45 x					= 30.37 Cum	
	1x25 x0.75x0.45					= 8.4375cum	
						Total = 38.8 Cum	
						= 37.13cum	
	As worked to Tenor @ Rs 184.00					Rs 6832.00	

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
(23)	Providing and lay cost of pipes an laying true to proof including
(24)	Refilling the b available earth condition in l earth with a

Depth 6	Contents 7	Reference to last Measurement 8
	humerics including over d as per the directions k	
		RS 2850.00
	reches including depositing luding shoring and Side rails and boarding ay as directed in following	
	= 30.37 Cum = 8.4375 Cum	
	Total = 38.8 Cum = 37.13 Cum	
		RS 6832.00

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192697

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(23)	Providing and installation at Site of works P.V.C Pipes including cost of pipes and specials and including lowering into trench laying true to line, level and perfect working at joints, leak proof including jointing encasing the pipe arround	110.00mt	@ RS 156.00/mt =			RS	17160.00
(24)	Refilling the basent and pipe line trenches with selected available earth for trench excavation including authority condition in layers from the dis/pons any of the Surplus earth with a heavy 20 mts etc						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty wall Item No-22				=	37.00 Cum	
	@ RS 60.00					RS 2220.00	
						Total RS 99506.92	
						Zadhav AE 30/8/2014	
	Certificate: Certified that the above work done Satisfactory and no-materials issued from department Zadhav AE 30/8/2014						

QFC
30/8/14

30/8/14

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	ಸಲ್ಲಿಸಿದ ಮೊತ್ತ ರೂ. 995060 =
	ಗಳಿಸಿದ ಮಾಸ್ಟರ್ ಮೂವಿಸ್ : ಇದರಲ್ಲಿ ರೂ. 1277
	ಮುಂಗಾಣಿಕೆ ಮೊತ್ತ ಮತ್ತು ಉಳಿದ ಮೊತ್ತಗಳು
	ರೂ. 867683 = 00
	ಬಿಲ್ ಮುಂಗಾಣಿಕೆ ಕಾಯ್ದುಕೊಳ್ಳಿದೆ
	ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
	ಸಿ. ಪಿ. ಡಬ್ಲ್ಯೂ. ಡಿ.

Depth 6	Contents 7	Reference to last Measurement 8
=	37.00 Cum	
	RS 2220.00	
	Total RS 99506.92	
	Sadhar AE 30/8/2014	
	satisfactory and no-	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192698

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಪೆಟ್ಟಿ ಪೂರ್ಣಗೊಂಡ ರೂ 995060=00						
	ಗಳಿಗೆ ಕಾಮಗಾರಿ ಮೂಲಕ: ಇದರಲ್ಲಿ ರೂ 127377=00						
	ಮುಂದಾಗಿಸಿ ಪೂರ್ಣಗೊಂಡು ಉಳಿದ ಪೂರ್ಣಗೊಂಡ						
	ರೂ 867683=00						
	ಬೆಲೆ ಮುಂದಾಂತರ ಕಿರಿದಾಗಿಸಿ						
	ಅಧಿಕಾರಿಗಳು		II - 14901				
			ISI - 39802				
			fsm - 54728				
			Lime - 9951				
			CBF - 995				
			Paint - 2000				
			TOTAL 127377=-				
			30/11/15				